



The Monarch[®] Sierra Sport[™] 3R 9430[™]

Lightweight (only 1.25 lbs!) and robust for your 3" receipt printing needs, the Monarch Sierra Sport 3R printer is the perfect solution for line-busting and portable point-of-sale. Keep your customers happy and out of long lines with this versatile printer.

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Connectivity. The Monarch Sierra Sport 3R 9430 printer comes standard with RS-232, IrDA and Bluetooth[®]. A Magnetic Card or Smart Card Reader are available options. An IP addressable model is also available.

Easy Integration. Designed for use with most computing platforms, including hand held and palm computers operating Windows, DOS, Windows CE, Pocket PC, EPOC and Palm operating systems.

Leading Edge Features. Rugged overmolding adds durability. Belt Clip allows for hands-free use. Easy loading increases productivity. Internal fast charger recharges battery in the printer.



Monarch[®]
Products & Services



Specifications

Printing Method:	Thermal Direct
Dots Per Line:	576 (203 dpi)
Printing Width:	70mm
Resolution:	8 dots/mm
Printing Speed:	Up to 2 ips
Head Temperature Detection:	By thermistor, hardware protection against overheating
Paper-Out/TOF Detection:	By photo interruptor
Current Consumption:	3.8A at 64 dots

Standard Operating Features

Character Set:	ASCII International, IBM Graphic, and 1 downloadable set
Graphic Print:	Bit addressable graphic command set: Bar codes 39, 128, 2 of 5, UPC, Graphic logo store and print
Supervised Operation:	Supervisory command set to read battery voltage, buffer status, power management and data transfer
Line Buffering:	32k standard
Print Contrast:	Auto and user selectable
Print Output:	Double high, double wide and bold print

Communication

Interface:	Standard - Serial RS-232 with modular connector (6 pin), Infra-Red (IrDA) up to 38.4K transmission speed with ambient light filter or Bluetooth. Optional – Magnetic Card Reader (3 track, simultaneous read); Smart Card Reader
Baud Rate:	2400, 4800, 9600, 19,200, 38,400 baud, dip switch set
Fast IrDA Transfer Speed:	Up to 38.4K depending on computer compatibility
Std. IrDA Transfer Speed:	9600 connect and transfer
Handshaking:	CTS/RTS and or XON/XOFF; MS-DOS and Windows compatible with full-speed handshake; Windows 95 [®] , 98 [®] , Xp and 2000 printer drivers; Windows CE print application; Windows CE and Pocket CE print driver from fieldsoftware.com; Palm O/S print driver from Bachmann Software or stevenscreek.com

Power

Power:	Internal rechargeable battery and wall mount DC power pack
Battery:	5 cell NiMH 1500 mAH rechargeable
DC Power Pack:	9vdc/1.4A
Battery Recharge:	Internal 90 minute fast charge with auto switch to trickle charge; Over current and overheat protection
Power ON/OFF:	Via switch or by raising RTS (ON) or lowering RTS (OFF); Auto power switch down timer

User Interface

Status Indicators:	3 LEDs
User Switches:	2 membrane switches Power ON/OFF, Feed
Connection:	Modular (6 pin) for Data I/O; DC input Power Jack for wall mount adapter; Infra- Red (IrDA) with Ambient Light Filter, or Bluetooth.

Mechanical

Dimensions:	121x152x57mm (4.75x6x2.5") WxLxH
Weight:	580g (20oz) with paper and battery pack
Warranty:	1 year printer; 6 months or 1 million inches on printhead; batteries, 90 days

Environmental Specifications

Operating Temperature:	-10° to 50°C
Storage Temperature:	-20° to 60°C
Humidity:	Up to 85% RH (noncondensing)
Drop Test:	4 feet
Agency Approvals:	FCC Part 15J Part B; CE EN55022 Part B, EN50082-1

Print Media

Paper Width:	80mm (3.125")
Lines of Print/Roll:	4400 (1.4" diameter roll, 0.4" core, approx. 45 feet long)
Paper Rolls Per Charge:	~6

Specifications subject to change without notice

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